

The following Amendment to the Claims replaces the prior version and listing of claims in the application:

Amendments to the Claims

Claim 1 (original): A mobile platform for conducting and monitoring in-field administration and coordination of emergency response activities comprising:

an all-terrain vehicle, said all-terrain vehicle having the capacity to accommodate at least two persons and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways;

electronic communication equipment, said communication equipment having the capabilities of being moved across the multiple off-road surfaces with said platform to a first remote location, of receiving, while being located at the first remote location, at least two types of wireless communication transmissions from one or more additional remote locations, and, while being located at the first remote location, of transmitting at least two types of wireless communication transmissions from said mobile platform to the one or more additional remote locations;

said communication equipment having, while being located at the first remote location, the further capabilities of receiving an incoming signal of a first signal type and regenerating and relaying the incoming signal of the first signal type as a second signal type that is different from the first signal type, and of receiving an incoming signal of the second signal type and

regenerating and relaying the incoming signal of the second signal type as a signal of the first signal type; and

an environmental monitoring station having the capabilities of being moved across the multiple off-road surfaces with said platform to the first remote location and of measuring environmental conditions surrounding said platform.

Claim 2 (original): The mobile platform of claim 1 wherein said communication equipment is capable of amplifying at least one of the incoming signals of the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals.

Claim 3 (original): The mobile platform of claim 1 wherein said load bearing members of said all-terrain vehicle exert a downward pressure of no more than about four pounds per square inch.

Claim 4 (original): The mobile platform of claim 1 wherein said load bearing members of said all-terrain vehicle exert a downward pressure of no more than about one pound per square inch.

Claim 5 (original): The mobile platform of claim 1 wherein said all-terrain vehicle has a length of no greater than about 15 feet.

Claim 6 (original): The mobile platform of claim 1 wherein said electronic communication equipment has the capability of relaying signals received from a second remote location to a satellite for transmission by the satellite to a third remote location.

Claim 7 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a cellular telephone.

Claim 8 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a UHF/VHF radio.

Claim 9 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a high band/low band radio.

Claim 10 (original): The mobile platform of claim 1 further comprising a microprocessor, said microprocessor being interfaced with said electronic communication equipment to allow a user to electronically control said electronic communication equipment.

Claim 11 (original): The mobile platform of claim 1 further comprising a microprocessor, said microprocessor being interfaced with said electronic communication equipment to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types and to allow an operator to electronically manipulate the information received.

Claim 12 (original): The mobile platform of claim 1 further comprising a microprocessor, said microprocessor being interfaced with said electronic communication equipment to transfer information from said microprocessor to said electronic communication equipment for

transmission as a signal of at least one of the first and second signal types to a second remote location.

Claim 13 (original): The mobile platform of claim 1 further comprising a microprocessor, said microprocessor being interfaced with said environmental monitoring station to receive information of environmental conditions measured by said environmental monitoring station and to allow an operator to electronically manipulate the information received.

Claim 14 (original): The mobile platform of claim 1 further comprising a microprocessor, said microprocessor being interfaced with said environmental monitoring station to receive information of environmental conditions measured by said environmental monitoring station, said microprocessor being further interfaced with said electronic communication equipment to allow said electronic communication equipment to transmit information of environmental conditions measured by said environmental monitoring station as a signal of at least one of the first and second signal types to a second remote location.

Claim 15 (original): The mobile platform of claim 1 further comprising a microprocessor, said microprocessor having a wireless connection to the Internet.

Claim 16 (original): The mobile platform of claim 1 wherein said electronic communication equipment has the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location.

Claim 17 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system being self-contained in a handset.

Claim 18 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system being self-contained in a handset, said satellite communication system having a global positioning system contained therein.

Claim 19 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system having an antenna dish mounted on said platform.

Claim 20 (original): The mobile platform of claim 1 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system having a folding, stand-alone dish antenna system.

Claim 21 (original): The mobile platform of claim 1 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote

location, said environmental monitoring station being electronically connected to said electronic communication equipment to allow information about measured environmental conditions to be transmitted through the satellite to the third remote location.

Claim 22 (original): The mobile platform of claim 1 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote location, said mobile platform further comprising a microprocessor, said microprocessor being interfaced with said environmental monitoring station to receive information of environmental conditions measured by said environmental monitoring station, said microprocessor being further interfaced with said electronic communication equipment to allow said computer to transfer the information of measured environmental conditions to said electronic communication equipment for relaying to the satellite and transmission of the information to the third remote location.

Claim 23 (original): The mobile platform of claim 1 further comprising a personal computer, said personal computer having emergency reference software loaded thereon that is accessible by an operator when said platform is at the first remote location.

Claim 24 (original): The mobile platform of claim 1 further comprising a personal computer, said personal computer having topographical mapping software loaded thereon that is accessible by an operator when said platform is at the first remote location.

Claim 25 (original): The mobile platform of claim 1 further comprising a ground penetrating radar system for detecting subterranean information.

Claim 26 (original): The mobile platform of claim 1 further comprising a ground penetrating radar system for detecting subterranean information, said electronic communication equipment having the capability of transmitting subterranean information detected by said ground penetrating radar to a second remote location as at least one of said first and second signal types.

Claim 27 (original): The mobile platform of claim 1 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote location, said mobile platform further comprising a ground penetrating radar system for detecting subterranean information, said electronic communication equipment having the capability of relaying subterranean information detected by said ground penetrating radar to the satellite for transmission to the third remote location.

Claim 28 (original): The mobile platform of claim 1 further comprising a cage to protect passengers within said all-terrain vehicle, said cage having a frame that includes at least one roll bar, a brush guard for clearing obstacles from the path of the passengers during forward movement of said all terrain vehicle, and a mesh screen for protecting passengers from brush and debris from outside of said all-terrain vehicle.

Claim 29 (original): The mobile platform of claim 1 further comprising a cage to protect passengers within said all-terrain vehicle, said cage having a frame that includes at least one roll bar, a brush guard for clearing obstacles from the path of the passengers during forward movement of said all terrain vehicle, and a mesh screen for protecting passengers from brush and

debris from outside of said all-terrain vehicle, said cage having a construction that allows it to function as an amplifying antenna to improve the transmission and reception of radio signals by said electronic communication equipment of said platform.

Claim 30 (original): The mobile platform of claim 1 wherein said all-terrain vehicle includes a body that encloses mechanical components of said vehicle to shield the mechanical components from external objects and water that said vehicle contacts when said vehicle travels across ground and waterways.

Claim 31 (original): The mobile platform of claim 1 further comprising a megaphone for broadcasting audible signals from said platform.

Claim 32 (original): The mobile platform of claim 1 further comprising a winch for pulling objects and for pulling said platform itself across terrain.

Claim 33 (original): The mobile platform of claim 1 wherein said environmental monitoring station takes environmental measurements chosen from the group consisting of wind velocity, temperature, relative humidity, barometric pressure, the presence of radiation, the presence of chemical agents, the presence of biological agents, dew point, wind chill, heat index, rainfall, wind gusts, cloud base height, and air density.

Claim 34 (original): The mobile platform of claim 1 wherein said environmental monitoring station includes an anemometer and a wind vane for measuring wind velocity.

Claim 35 (original): The mobile platform of claim 1 wherein said environmental monitoring station includes an anemometer and a wind vane for measuring wind velocity, said anemometer and said wind vane being positioned on said platform with a removable stand.

Claim 36 (original): The mobile platform of claim 1 wherein said electronic communication equipment further comprises a global positioning system.

Claim 37 (currently amended): The mobile platform of claim ~~1a~~ 1 further comprising an infrared vision device.

Claim 38 (original): A mobile platform for conducting and monitoring in-field administration and coordination of emergency response activities comprising:

an all-terrain vehicle, said all-terrain vehicle having the capacity to accommodate at least two persons and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways;

electronic communication equipment, said communication equipment having the capabilities of being moved across the multiple off-road surfaces with said platform to a first remote location, of receiving, while being located at the first remote location, at least two types

of wireless communication transmissions from one or more additional remote locations, and, while being located at the first remote location, of transmitting at least two types of wireless communication transmissions from said mobile platform to the one or more additional remote locations;

said communication equipment having, while being located at the first remote location, the further capabilities of receiving an incoming signal of a first signal type and regenerating and relaying the incoming signal of the first signal type as a second signal type that is different from the first signal type, and of receiving an incoming signal of the second signal type and regenerating and relaying the incoming signal of the second signal type as a signal of the first signal type;

an environmental monitoring station having the capabilities of being moved across the multiple off-road surfaces with said platform to the first remote location and of measuring environmental conditions surrounding said platform; and

electronic positioning equipment, said positioning equipment being capable of providing, at the first remote location, information about the position of said mobile platform.

Claim 39 (original): The mobile platform of claim 38 wherein said communication equipment is capable of amplifying at least one of the incoming signals of the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals.

Claim 40 (original): The mobile platform of claim 38 wherein said load bearing members of said all-terrain vehicle exert a downward pressure of no more than about four pounds per square inch.

Claim 41 (original): The mobile platform of claim 38 wherein said load bearing members of said all-terrain vehicle exert a downward pressure of no more than about one pound per square inch.

Claim 42 (original): The mobile platform of claim 38 wherein said all-terrain vehicle has a length of no greater than about 15 feet.

Claim 43 (original): The mobile platform of claim 38 wherein said electronic communication equipment has the capability of relaying signals received from a second remote location to a satellite for transmission by the satellite to a third remote location.

Claim 44 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a cellular telephone.

Claim 45 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a UHF/VHF radio.

Claim 46 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a high band/low band radio.

Claim 47 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor being interfaced with said electronic communication equipment to allow a user to electronically control said electronic communication equipment.

Claim 48 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor being interfaced with said electronic communication equipment to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types and to allow an operator to electronically manipulate the information received.

Claim 49 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor being interfaced with said electronic communication equipment to transfer information received from said microprocessor to said electronic communication equipment for transmission as a signal of at least one of the first and second signal types to a second remote location.

Claim 50 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor being interfaced with said environmental monitoring station to receive information of environmental conditions measured by said environmental monitoring station and to allow an operator to electronically manipulate the information received.

Claim 51 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor being interfaced with said environmental monitoring station to receive information of environmental conditions measured by said environmental monitoring station, said microprocessor being further interfaced with said electronic communication equipment to allow said electronic communication equipment to transmit information of environmental

conditions measured by said environmental monitoring station as a signal of at least one of the first and second signal types to a second remote location.

Claim 52 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor having a wireless connection to the Internet.

Claim 53 (original): The mobile platform of claim 38 wherein said electronic communication equipment has the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location.

Claim 54 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system being self-contained in a handset.

Claim 55 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system being self-contained in a handset, said satellite communication system having a global positioning system contained therein.

Claim 56 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals

from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system having an antenna dish mounted on said platform.

Claim 57 (original): The mobile platform of claim 38 wherein said electronic communication equipment includes a satellite communication system having the capability of receiving signals from a satellite and relaying the signals from the satellite to a second remote location, said satellite communication system having a folding, stand-alone dish antenna system.

Claim 58 (original): The mobile platform of claim 38 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote location, said environmental monitoring station being electronically connected to said electronic communication equipment to allow information about measured environmental conditions to be transmitted through the satellite to the third remote location.

Claim 59 (original): The mobile platform of claim 38 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote location, said mobile platform further comprising a microprocessor, said microprocessor being interfaced with said environmental monitoring station to receive information of environmental conditions measured by said environmental monitoring station, said microprocessor being further interfaced with said electronic communication equipment to allow said computer to transfer the information of measured environmental conditions to said electronic communication equipment for relaying to the satellite and transmission of the information to the third remote location.

Claim 60 (original): The mobile platform of claim 38 further comprising a personal computer, said personal computer having emergency reference software loaded thereon that is accessible by an operator when said platform is at the first remote location.

Claim 61 (original): The mobile platform of claim 38 further comprising a personal computer, said personal computer having topographical mapping software loaded thereon that is accessible by an operator when said platform is at the first remote location.

Claim 62 (original): The mobile platform of claim 38 further comprising a ground penetrating radar system for detecting subterranean information.

Claim 63 (original): The mobile platform of claim 38 further comprising a ground penetrating radar system for detecting subterranean information, said electronic communication equipment having the capability of transmitting subterranean information detected by said ground penetrating radar to a second remote location as at least one of said first and second signal types.

Claim 64 (original): The mobile platform of claim 38 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote location, said mobile platform further comprising a ground penetrating radar system for detecting subterranean information, said electronic communication equipment having the capability of relaying subterranean information detected by said ground penetrating radar to the satellite for transmission to the third remote location.

Claim 65 (original): The mobile platform of claim 38 further comprising a cage to protect passengers within said all-terrain vehicle, said cage having a frame that includes at least one roll bar and a brush guard for clearing obstacles from the path of the passengers during forward movement of said all terrain vehicle, said cage having a mesh screen for protecting passengers from brush and debris from outside of said all-terrain vehicle.

Claim 66 (original): The mobile platform of claim 38 further comprising a cage to protect passengers within said all-terrain vehicle, said cage having a frame that includes at least one roll bar, a brush guard for clearing obstacles from the path of the passengers during forward movement of said all terrain vehicle, and a mesh screen for protecting passengers from brush and debris from outside of said all-terrain vehicle, said cage having a construction that allows it to function as an amplifying antenna to improve the transmission and reception of radio signals by said electronic communication equipment of said platform.

Claim 67 (original): The mobile platform of claim 38 wherein said electronic positioning equipment is interfaced to said communications equipment to allow the information about the position of said mobile platform, at the first remote location, to be transmitted by at least one of the first and second signal types to a second remote location.

Claim 68 (original): The mobile platform of claim 38 wherein said electronic positioning equipment is interfaced to said communications equipment to allow the information about the position of said mobile platform, at the first remote location, to be transmitted by at least one of the first and second signal types to a second remote location.

Claim 69 (original): The mobile platform of claim 38 wherein said electronic communication equipment has the capability of relaying signals to a satellite for transmission to a third remote location, said electronic positioning equipment is interfaced to said communications equipment to allow the information about the position of said mobile platform, at the first remote location, to be relayed to the satellite for transmission by the satellite to the third remote location.

Claim 70 (original): The mobile platform of claim 38 further comprising a microprocessor, said microprocessor being interfaced with said electronic positioning equipment to receive information about the position of said mobile platform at the first remote location and to allow an operator to electronically manipulate the information received.

Claim 71 (original): The mobile platform of claim 38 further comprising a microprocessor, said electronic communication equipment having the capability of relaying signals to a satellite for transmission to a third remote location, said microprocessor being interfaced to said electronic communication equipment and to said electronic positioning equipment to allow said microprocessor to receive and transfer information about the position of said mobile platform for relaying to the satellite for transmission of the information to the third remote location.

Claim 72 (original): The mobile platform of claim 38 wherein said all-terrain vehicle includes a body that encloses mechanical components of said vehicle to shield the mechanical components from external objects and water that said vehicle contacts when said vehicle travels across ground and waterways.

Claim 73 (original): The mobile platform of claim 38 further comprising a megaphone for broadcasting audible signals from said platform.

Claim 74 (original): The mobile platform of claim 38 further comprising a winch for pulling objects and for pulling said platform itself across terrain.

Claim 75 (original): The mobile platform of claim 38 wherein said environmental monitoring station takes environmental measurements chosen from the group consisting of wind velocity, temperature, relative humidity, barometric pressure, the presence of radiation, the presence of chemical agents, the presence of biological agents, dew point, wind chill, heat index, rainfall, wind gusts, cloud base height, and air density.

Claim 76 (original): The mobile platform of claim 38 wherein said environmental monitoring station includes an anemometer and a wind vane for measuring wind velocity.

Claim 77 (original): The mobile platform of claim 38 wherein said environmental monitoring station includes an anemometer and a wind vane for measuring wind velocity, said anemometer and said wind vane being positioned on said platform with a removable stand.

Claim 78 (original): The mobile platform of claim 38 wherein said electronic communication equipment further comprises a global positioning system.

Claim 79 (original): The mobile platform of claim 38 wherein said electronic positioning equipment further comprises a global positioning system.

Claim 80 (original): The mobile platform of claim 38 further comprising an infrared vision device.

Claim 81 (original): A method of conducting and monitoring in-field administration and coordination of emergency response activities on a mobile platform comprising:

providing an all-terrain vehicle to accommodate and transport at least two persons to a remote in-field location, the all-terrain vehicle serving as a vehicle for the mobile platform and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways;

providing electronic communication equipment in the mobile platform and using the capability of the mobile platform to traverse multiple off-road surfaces to move the electronic communication equipment to a first remote location;

using the communication equipment to receive, at the first remote location, at least two types of wireless communication transmissions from one or more additional remote locations, and using the communication equipment to transmit at least two types of wireless communication transmissions from the mobile platform to the one or more additional remote

locations, using said communication equipment to receive a first signal type and to regenerate and relay said first signal type as a second signal type that is different from said first signal type, using said communication equipment to receive said second signal type and regenerate and relay said second signal type as said first signal type; and

providing an environmental monitoring station in the platform, using the monitoring station to measure environmental conditions surrounding the platform, and using the electronic communication equipment to transmit measurements taken by the monitoring station.

Claim 82 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising providing electronic positioning equipment in the mobile platform and using the positioning equipment to provide information of the position of the mobile platform to a remote location through the electronic communication equipment.

Claim 83 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising using the platform as a tactical assault vehicle.

Claim 84 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising amplifying with said communication equipment at least one of the incoming signals of the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals.

Claim 85 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising using the electronic communication equipment to relay signals received from a second remote location to a satellite for transmission by the satellite to a third remote location.

Claim 86 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising using a microprocessor to electronically control the electronic communication equipment.

Claim 87 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

interfacing a microprocessor to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types; and
electronically manipulating the information received with the microprocessor.

Claim 88 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

interfacing a microprocessor with the electronic communication equipment to transfer information from the microprocessor to the electronic communication equipment; and
transmitting information from the microprocessor with the electronic communication equipment as a signal of at least one of the first and second signal types to a second remote location.

Claim 89 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

interfacing a microprocessor with the environmental monitoring station to receive information of environmental conditions measured by the environmental monitoring station; and

electronically manipulating the information of environmental conditions measured by the environmental monitoring station with the microprocessor.

Claim 90 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

interfacing a microprocessor with an environmental monitoring station to receive information of environmental conditions measured by the environmental monitoring station; and

interfacing said microprocessor with said electronic communication equipment to allow said electronic communication equipment to transmit the information of the environmental conditions as a signal of at least one of the first and second signal types to a second remote location.

Claim 91 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising using the electronic communication equipment to receive signals from a satellite and to relay the signals from the satellite to a second remote location.

Claim 92 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

interfacing the electronic communication equipment to the environmental monitoring station to allow information about measured environmental conditions to be transmitted to a satellite; and

using the satellite to relay the information to a third remote location.

Claim 93 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

interfacing a microprocessor to the environmental monitoring station to receive information of environmental conditions measured by the environmental monitoring station; and

interfacing the microprocessor to the electronic communication equipment to allow the computer to transfer the information of the environmental conditions to the electronic communication equipment for relaying to a satellite and transmission of the information to a third remote location.

Claim 94 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising using a ground penetrating radar to detect subterranean information.

Claim 95 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

using a ground penetrating radar to detect subterranean information; and

using the electronic communication equipment to transmit the detected subterranean information to a second remote location as at least one of the first and second signal types.

Claim 96 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising:

using a ground penetrating radar to detect subterranean information; and

using the electronic communication equipment to relay the information about the detected subterranean information to a satellite for transmission to a third remote location.

Claim 97 (original): The method of conducting and monitoring in-field administration and coordination of emergency response activities of claim 81 further comprising protecting passengers within the all-terrain vehicle with a cage by using the cage to clear obstacles and debris from the path of the passengers during forward movement of the mobile platform.

Claim 98 (new): A mobile platform for conducting and monitoring in-field administration and coordination of emergency response activities comprising:

an all-terrain vehicle, said all-terrain vehicle having the capacity to accommodate multiple persons and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways,

said vehicle having a body that encloses mechanical components of said vehicle to shield the mechanical components from external objects and water that said vehicle contacts when said vehicle travels across ground and waterways;

electronic communication equipment, said communication equipment being movable across the multiple off-road surfaces with said platform to a first remote location, of receiving, while being located at the first remote location, wireless communication transmissions from one or more additional remote locations, and, while being located at the first remote location, of transmitting wireless communication transmissions from said mobile platform to the one or more additional remote locations;

said communication equipment having, while being located at the first remote location, the capabilities of receiving an incoming signal of a first signal type and regenerating and relaying the incoming signal of the first signal type as a second signal type that is different from the first signal type, and of receiving an incoming signal of the second signal type and regenerating and relaying the incoming signal of the second signal type as a signal of the first signal type, said communication equipment being further capable of amplifying the incoming signals of the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals;

an environmental monitoring station that is capable of moving across the multiple off-road surfaces with said platform to the first remote location and of measuring environmental conditions surrounding said platform, said environmental monitoring station being electronically connected to said electronic communication equipment to allow information about measured environmental conditions to be transmitted there through;

a microprocessor, said microprocessor being interfaced with said electronic communication equipment to allow a user to electronically control said electronic communication equipment and to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types and to allow an operator to electronically manipulate the information received, said microprocessor being interfaced with said environmental monitoring station to receive information of measured environmental conditions, said microprocessor being capable of transferring information from said microprocessor to said electronic communication equipment for transmission as a signal of at least one of the first and second signal types to one or more additional remote locations;

said electronic communication equipment having the capability of relaying received signals to a satellite for transmission by the satellite to a third remote location, said electronic communications equipment having the capability of receiving information from the satellite and transferring the information from the satellite to said microprocessor, said electronic communication equipment having the capability of relaying information received from the satellite to one or more remote locations; and

electronic positioning equipment, said positioning equipment being capable of providing, at the first remote location, information about the position of said mobile platform, said positioning equipment being capable of transferring the information about the position of said mobile platform to said communication equipment for transmission to a remote location.

Claim 99 (new): A mobile platform for conducting and monitoring in-field administration and coordination of emergency response activities comprising:

an all-terrain vehicle, said all-terrain vehicle having the capacity to accommodate at least two persons and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways, said vehicle having mechanical components that are shielded from external objects and water that said vehicle contacts when said vehicle travels across ground and waterways;

mobile electronic communication equipment, said communication equipment being included on said platform and having the capabilities of being moved across the multiple off-road surfaces with said platform to a first remote location, of receiving, while being located at the first remote location, at least two types of wireless communication transmissions from one or more additional remote locations, and, while being located at the first remote location, of transmitting at least two types of wireless communication transmissions from said mobile platform to the one or more additional remote locations;

said communication equipment having, while being located at the first remote location, the further capabilities of receiving incoming signals of a first signal type and regenerating and relaying the incoming signals of the first signal type as a second signal type that is different from the first signal type, and of receiving incoming signals of the second signal type and regenerating and relaying the incoming signals of the second signal type as signals of the first signal type, said communication equipment being capable of amplifying at least one of the incoming signals of

the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals;

an environmental monitoring station having the capabilities of being moved across the multiple off-road surfaces with said platform to the first remote location and of measuring environmental conditions surrounding said platform, said environmental monitoring station being electronically connected to said electronic communication equipment to allow information about measured environmental conditions to be transmitted from said monitoring station to said communication equipment;

a microprocessor, said microprocessor being interfaced with said electronic communication equipment to allow a user to electronically control said electronic communication equipment and to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types and to allow an operator to electronically manipulate the information received, said microprocessor being interfaced with said environmental monitoring station to receive information of measured environmental conditions, said microprocessor being capable of transferring information from said microprocessor to said electronic communication equipment for transmission as a signal of at least one of the first and second signal types to one or more additional remote locations;

said electronic communication equipment having the capability of relaying received signals to a third remote location via a satellite, said electronic communications equipment having the further capability of receiving information from the satellite and transferring the information from the satellite to said microprocessor, and subsequently relaying the information received from the satellite to one or more remote locations; and

electronic positioning equipment, said positioning equipment being capable of providing, at the first remote location, information about the position of said mobile platform, said positioning equipment being capable of transferring the information about the position of said mobile platform to said communication equipment for transmission to a remote location, said communication equipment capable of transmitting the information about the position of the mobile platform via a satellite.

Claim 100 (new): A mobile platform for conducting and monitoring in-field administration and coordination of emergency response activities comprising:

an all-terrain vehicle, said all-terrain vehicle having the capacity to accommodate multiple persons and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways, said vehicle having a body that encloses mechanical components of said vehicle to shield the mechanical components from external objects and water that said vehicle contacts when said vehicle travels across ground and waterways, said vehicle having a cage to protect passengers within said vehicle, said cage having a frame that includes at least one roll bar, a brush guard for clearing obstacles from the path of the passengers during forward movement of said vehicle, and a mesh screen for protecting passengers from brush and debris from outside of said vehicle;

electronic communication equipment, said communication equipment being movable across the multiple off-road surfaces with said platform to a first remote location, of receiving, while being located at the first remote location, wireless communication transmissions from one or more additional remote locations, and, while being located at the first remote location, of transmitting wireless communication transmissions from said mobile platform to the one or more additional remote locations;

said communication equipment having, while being located at the first remote location, the capabilities of receiving an incoming signal of a first signal type and regenerating and relaying the incoming signal of the first signal type as a second signal type that is different from the first signal type, and of receiving an incoming signal of the second signal type and regenerating and relaying the incoming signal of the second signal type as a signal of the first signal type, said communication equipment being further capable of amplifying the incoming signals of the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals;

an environmental monitoring station that is capable of moving across the multiple off-road surfaces with said platform to the first remote location and of measuring environmental conditions surrounding said platform, said environmental monitoring station being electronically connected to said electronic communication equipment to allow transmission there through of information about measured environmental conditions;

a microprocessor, said microprocessor being interfaced with said electronic communication equipment to allow a user to electronically control said electronic communication equipment and to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types and to allow an operator

to electronically manipulate the information received, said microprocessor being interfaced with said environmental monitoring station to receive information of measured environmental conditions, said microprocessor being capable of transferring information from said microprocessor to said electronic communication equipment for transmission as a signal of at least one of the first and second signal types to one or more additional remote locations;

said electronic communication equipment having the capability of relaying received signals to a satellite for transmission by the satellite to a third remote location, said electronic communications equipment having the capability of receiving information from the satellite and transferring the information from the satellite to said microprocessor, said electronic communication equipment having the capability of relaying information received from the satellite to one or more remote locations; and

electronic positioning equipment, said positioning equipment being capable of providing, at the first remote location, information about the position of said mobile platform, said positioning equipment being capable of transferring the information about the position of said mobile platform to said communication equipment for transmission to a remote location.

Claim 101 (new): A mobile platform for conducting and monitoring in-field administration and coordination of emergency response activities comprising:

an all-terrain vehicle, said all-terrain vehicle having the capacity to accommodate at least two persons and having load bearing members that are one type selected from the group consisting of at least six wheels, at least two tracks, and a combination of a plurality of wheels and tracks, said all-terrain vehicle having the capability, without requiring in-field modification by an operator, of traversing multiple off-road surfaces that include each of sand, mud, snow,

swampland, thickly wooded areas, ice, grasslands, man-made rubble and debris, surfaces having angles of about at least thirty degrees from horizontal, and floatably operating on waterways, said vehicle having a body that encloses mechanical components of said vehicle to shield the mechanical components from external objects and water that said vehicle contacts when said vehicle travels across ground and waterways, said vehicle having a cage to protect passengers within said vehicle, said cage having a frame that includes at least one roll bar, a brush guard for clearing obstacles from the path of the passengers during forward movement of said vehicle, and a mesh screen for protecting passengers from brush and debris from outside of said vehicle;

electronic communication equipment, said communication equipment having the capabilities of being moved across the multiple off-road surfaces with said platform to a first remote location, of receiving, while being located at the first remote location, at least two types of wireless communication transmissions from one or more additional remote locations, and, while being located at the first remote location, of transmitting at least two types of wireless communication transmissions from said mobile platform to the one or more additional remote locations;

said communication equipment having, while being located at the first remote location, the further capabilities of receiving an incoming signal of a first signal type and regenerating and relaying the incoming signal of the first signal type as a second signal type that is different from the first signal type, and of receiving an incoming signal of the second signal type and regenerating and relaying the incoming signal of the second signal type as a signal of the first signal type, said communication equipment being capable of amplifying at least one of the incoming signals of the first signal type and of the second signal type when regenerating and relaying the incoming signals as transmitted signals;

an environmental monitoring station having the capabilities of being moved across the multiple off-road surfaces with said platform to the first remote location and of measuring environmental conditions surrounding said platform, said environmental monitoring station being electronically connected to said electronic communication equipment to allow information about measured environmental conditions to be transmitted there through;

a microprocessor, said microprocessor being interfaced with said electronic communication equipment to allow a user to electronically control said electronic communication equipment and to receive information received by said electronic communication equipment as a signal of at least one of the first and second signal types and to allow an operator to electronically manipulate the information received, said microprocessor being interfaced with said environmental monitoring station to receive information of measured environmental conditions, said microprocessor being capable of transferring information from said microprocessor to said electronic communication equipment for transmission as a signal of at least one of the first and second signal types to one or more additional remote locations;

a ground penetrating radar system for detecting subterranean information, said electronic communication equipment having the capability of transmitting subterranean information detected by said ground penetrating radar to a second remote location as at least one of said first and second signal types;

said electronic communication equipment having the capability of relaying received signals to a satellite for transmission by the satellite to a third remote location, said electronic communications equipment having the capability of receiving information from the satellite and transferring the information from the satellite to said microprocessor, said electronic

communication equipment having the capability of relaying information received from the satellite to one or more remote locations; and

electronic positioning equipment, said positioning equipment being capable of providing, at the first remote location, information about the position of said mobile platform, said positioning equipment being capable of transferring the information about the position of said mobile platform to said communication equipment for transmission to a remote location, said communication equipment being capable of transmitting the information about the position of the mobile platform via a satellite.